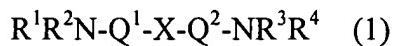
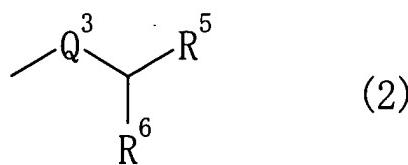


AMENDMENTS TO THE CLAIMS

- 1. (Currently amended) A**An optically active ligand represented by the formula (1):



wherein R^1 , R^2 , R^3 and R^4 are each the same or different and represent a group represented by the formula (2):



wherein Q^3 is an optionally substituted alkylene group, an optionally substituted cycloalkylene group, an optionally substituted arylene group or an optionally substituted divalent heterocyclic group; R^5 is an optionally substituted alkyl group, an optionally substituted aryl group or an optionally substituted heterocyclic group; and R^6 is a substituent which may coordinate or bind to a metal atom, or R^5 and R^6 , taken together, may form a ring,

Q^1 and Q^2 are each the same or different and represent an optionally substituted alkylene group or a single bond, and

X is a divalent spacer.

2-3. (Cancelled)

- 4. (Currently amended)** The ligand according to claim 1, characterized in thatwherein the spacer is an optionally substituted alkylene group, an optionally substituted arylene group or an optionally substituted divalent heterocyclic group.

- 5. (Currently amended)** The ligand according to claim 1, characterized in thatwherein the length of $Q^1 - X - Q^2$ is from 2 to 30 angstroms.

6. (Currently amended) The ligand according to claim 1, characterized in thatwherein Q³ is an alkylene group of 1 to 6 carbon atoms.
7. (Currently amended) The ligand according to claim 1, characterized in thatwherein R⁵ is an aryl group.
8. (Currently amended) The ligand according to claim 1, characterized in thatwherein R⁶ is a hydroxy group, an alkoxy group of 1 to 6 carbon atoms, an amino group or a substituted amino group.
9. (Currently amended) The ligand according to claim 1, characterized in thatwherein the ring formed when R⁵ and R⁶ are taken together is an oxazoline, a pyrrolidine or a piperidine.
10. (Currently amended) A complex compound characterized by containingcomprising, as a constituent element, the ligand according to claim 1 and a metal atom.
11. (Currently amended) The complex compound according to claim 10, characterized in thatwherein the metal atom belongs to any one of groups 3 to 14 of the periodic table.
12. (Currently amended) The complex compound according to claim 10, characterized in thatwherein the metal atom is selected from the group consisting of lanthanum, samarium, titanium, zirconium, vanadium, rhenium, iron, ruthenium, cobalt, rhodium, iridium, nickel, palladium, copper, zinc, aluminum, tin, gold, silver or-and platinum.
- 13-14. (Cancelled)
15. (Currently amended) A method for producing a an optically active compound of the formula (1):
- $R^1R^2N-Q^1-X-Q^2-NR^3R^4 \quad (1)$

{wherein the symbols have the same meanings as defined in claim 1},
which comprises reacting a compound of the formula (3):
 $Z-Q^1-X-Q^2-Z'$ (3)
(wherein Q^1 , X and Q^2 have the same meanings as defined in claim 1, and Z and Z' are each the same or different and represent a leaving group),
with a compound of the formula (4):
 NHR^1R^2 (4)
(wherein R^1 and R^2 have the same meanings as defined in claim 1).

16. (Currently amended) A method for producing a complex compound, which comprises contacting ~~a~~the ligand described in claim 1 with a metal compound.

17. (Currently amended) The method according to claim 16, wherein the metal compound ~~contains~~comprises a metal atom selected from the group consisting of lanthanum, samarium, titanium, zirconium, vanadium, rhenium, iron, ruthenium, cobalt, rhodium, iridium, nickel, palladium, copper, zinc, aluminum, tin, gold, silver ~~or~~and platinum.

18. (Previously presented) A method for catalyzing an asymmetric synthesis reaction, which comprises adding the complex compound according to claim 10 as a catalyst to an asymmetric synthesis reaction.